CLAIMS

l	1.	An input device for a computer comprising:
2		a housing;
3		a position-determining system mounted to the housing, the position-
4	determ	tining system being operative to determine movement of the housing and to
5	provid	e a first output corresponding to the movement of the housing; and
6		a trackball mounted to the housing, the trackball being operative to rotate and
7	to provide a second output corresponding to rotation of the trackball.	
1	2.	The input device of claim 1, wherein:
2		the housing has a bottom surface; and
3		the position-determining system is operative to detect movement of a surface
4	upon v	which the housing is placed relative to the bottom surface of the housing.
1	3.	The input device of claim 2, wherein:
2		the trackball is a first trackball; and
3		the position-determining system comprises a second trackball, a portion of
4	which protrudes from the bottom surface of the housing such that the second trackball	
5	contacts the surface upon which the housing is placed.	
1	4.	The input device of claim 2, wherein:
2		the housing has a top surface; and
3		the trackball protrudes from the top surface of the housing.

- 1 5. The input device of claim 4, wherein:
- 2 the housing is sized and shaped to be grasped by a hand of a user; and
- 3 the input device additionally comprises a left-click actuator mounted to the
- 4 housing such that, when the housing is grasped by the user with the top surface of the
- 5 housing substantially centered in the palm of the hand, the index finger of the user is
- 6 aligned with the trackball and the thumb of the user is aligned with the left-click
- 7 actuator.
- 1 6. The input device of claim 4, wherein:
- 2 the housing is sized and shaped to be grasped by a hand of a user; and
- 3 the input device additionally comprises a right-click actuator mounted to the
- 4 housing adjacent to the trackball such that, when the housing is grasped by the user
- 5 with the top surface of the housing substantially centered in the palm of the hand, the
- 6 index finger of the user is aligned with the trackball and the right-click actuator.
- 1 7. The input device of claim 6, wherein the right-click actuator at least partially
- 2 surrounds the trackball.
- 1 8. The input device of claim 6, wherein:
- 2 the right-click actuator has an aperture; and
- a portion of the trackball protrudes from the housing and through the aperture.

- 1 9. The input device of claim 6, wherein:
- 2 the housing has a centerline; and
- at least a substantial portion of the right-click actuator is located left of the
- 4 centerline.
- 1 10. The input device of claim 6, further comprising:
- a scroll wheel mounted to the housing such that, when the housing is grasped
- 3 by the user with the top surface of the housing substantially centered in the palm of
- 4 the hand, the middle finger of the user is aligned with the scroll wheel.
- 1 11. The input device of claim 10, wherein at least a substantial portion of the
- 2 right-click actuator is located left of the scroll wheel.
- 1 12. The input device of claim 1, wherein the housing is configured and the
- 2 trackball is arranged to be operated by a right hand of a user.

- A computer system comprising: 1 13. a processor operative to execute instructions; 2 memory operative to store the executable instructions; and 3 an input device operative to provide a user interface with the processor, the 4 input device comprising: 5 a housing; 6 a position-determining system mounted to the housing, the position-7 determining system being operative to determine movement of the housing and to 8 provide a first output corresponding to the movement of the housing; and 9 a trackball mounted to the housing, the trackball being operative to 10 rotate and to provide a second output corresponding to rotation of the trackball. 11 The computer system of claim 13, wherein: 1 14. the computer system additionally comprises a keyboard having arrow keys, the 2 arrow keys comprising an up-arrow key, a down-arrow key, a left-arrow key and a 3 4 right-arrow key; and the second output of the trackball corresponds to outputs provided by the 5 6 arrow keys. The computer system of claim 14, wherein the outputs provided by the arrow 1 15. keys are remapped to the trackball. 2
 - 2 keys are redundant with respect to the second output of the trackball.

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The computer system of claim 14, wherein the outputs provided by the arrow

- An input device for a computer comprising: 17. 1 a housing configured as a mouse-type input device; 2 means for determining movement of the housing; 3 means for providing a first output corresponding to the movement of the 4 housing; and 5 means for providing a second output corresponding to a two-dimensional 6 motion input of a user. 7 The input device of claim 17, further comprising: 18. 1 means, oriented for actuation by a thumb of a user, for providing left-click 2 3 functionality.
 - 1 19. The input device of claim 17, further comprising:
 - 2 means, oriented for actuation by an index finger of a user, for providing right-
 - 3 click functionality.
 - 1 20. The input device of claim 17, further comprising:
 - 2 means, oriented for actuation by a middle finger of a user, for providing scroll
 - 3 functionality.